

ABSTRACT

A process of dehumidification and of injection and moulding for granulated plastic materials includes a dehumidification step in which the granules are dehumidified by contact with air at a dehumidification temperature, and a subsequent injection and moulding step in which the granules coming from the dehumidification step are heated to a moulding temperature higher than the dehumidification temperature and are then injected into a mould. Between the dehumidification step and the injection and moulding step, a heating step is provided, in which the granules are heated, in a substantial absence of oxygen, to a supply temperature between the dehumidification temperature and the moulding temperature. A plant operating in accordance with the process is also described.